

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A wireless LAN utilizability detecting system comprising:

a housing detachably mounted on a data terminal device, said data terminal device having a main power supply[.,];

a wave intensity detecting means disposed at least partly inside the housing and ~~serving~~ configured to obtain a detection output corresponding to a wave in a predetermined wireless LAN band; [[and]]

a detection output means disposed in the housing and ~~serving~~ configured to generate an output representing a content as to whether the wireless LAN is utilizable based on the output of the wave intensity detecting means; and

a separate power supply configured to provide power for said wave detecting means even when the main power supply of the data terminal device is off.

2. (Original) The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes an adapter for mounting a wireless LAN card on the pertinent data terminal device.

3. (Original) The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes a housing of a wireless LAN card.

4. **(Currently Amended)** The wireless LAN utilizability detecting system according to claim 1, wherein the ~~wave intensity detecting means operates without being supplied by power from a separate power supply but by~~ provides power obtained to the wave intensity detecting means by receiving a wave in a predetermined wireless LAN band.

5. **(Currently Amended)** The wireless LAN utilizability detecting system according to claim 1, wherein the wave intensity detecting means includes a comparing means for comparing the intensity of a detected wave in the predetermined wireless LAN band and generating an output corresponding to the comparison result as output of the wave intensity detecting means.

6. **(Original)** The wireless LAN utilizability detecting means according to claim 1, wherein the detection output means is arranged to output a signal for starting the data terminal device based on the output of the wave intensity detection means.

7. **(Original)** The wireless LAN utilizability detecting system, according to claim 1, wherein the detection output means is arranged to drive a display means provided on the housing according to the output of the wave intensity detecting means.

8. **(Original)** The wireless LAN utilizability detecting system according to claim 7, wherein an LED is used as the display means.

9. **(Original)** The wireless LAN utilizability detecting system according to claim 2, in which the housing includes a wireless LAN card side connector, a data terminal device side connector and an inter-connector bus inter-connecting the two connectors, and which

further comprises an active checking means for checking whether the inter-connector bus is active and, when the inter-connector is found to be active, rendering the wave intensity detecting means or the detection output means inoperative.

10. (Currently Amended) A wireless LAN utilizability detecting method, in which a wireless LAN utilizability detecting system comprising a housing is detachably mounted on a data terminal device, a wave intensity detecting means disposed at least partly on the housing and serving to obtain a detection output corresponding to the intensity of a wave in a predetermined wireless LAN band, and a detection output means for generating, based on the output of the wave intensity detecting means, an output representing a content as to whether the wireless LAN is utilizable, is mounted in the pertinent data terminal device, said method comprising:

~~when it receives~~ receiving an output from the detection output means of the wireless LAN utilizability detecting system[[,]];

~~it checks~~ checking whether the value of the received output and a predetermined value are identical[[,]];

~~when if~~ if the identity is recognized, initiating ~~it causes~~ an automatic start operation[[,]];

~~when if~~ if the identity is not recognized, maintaining ~~it holds~~ a waiting state[[,]];

~~when after initiating~~ after initiating the automatic start operation ~~is made, it checks~~ checking whether the pertinent wireless LAN can perform authentication[[,]];

~~when it is decided that~~ if authentication can be performed, ~~it does an~~ informing operation ~~to inform to the~~ a user that the user can perform actual communication[[,]];

~~and when it is not decided that if authentication can not be done, it turns off the~~
turning off the separate power supply.

11. **(Original)** The wireless LAN utilizability detecting method according to claim 10, wherein ~~the informing operation~~ said informing is performed by generation of voice, image display or generation of vibrations.

12. **(Currently Amended)** The wireless ~~LAM~~ LAN utilizability detecting method according to claim 10, wherein ~~the informing operation~~ said informing is performed by generating a call to a portable telephone set or a PHS by a short message service.

13. **(Currently Amended)** The wireless LAN utilizability detecting method according to claim 10, ~~in which~~ further comprising enabling the data terminal device to
transmission transmit and reception receive of electronic mails ~~are made as well based on the~~
~~informing operation.~~

14. **(Currently Amended)** The wireless LAN utilizability detecting method according to claim 10, ~~in which~~ further comprising enabling the data terminal device to
collect data from a particular web page data is automatically collected ~~as well based on the~~
~~informing operation.~~